

Beata Nowicka

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42
papers

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46
ext. papers

1,003
ext. citations

5.7
avg. IF

3.87
L-index

#	Paper	IF	Citations
42	The impact of ligands upon topology and functionality of octacyanidometallate-based assemblies. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1946-1971	23.2	148
41	A Decade of Octacyanides in Polynuclear Molecular Materials. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 305-326	2.3	92
40	Reversible guest-induced magnetic and structural single-crystal-to-single-crystal transformation in microporous coordination network {[Ni(cyclam)] ₃ [W(CN) ₈] ₂] _n . <i>Inorganic Chemistry</i> , 2007 , 46, 8123-5	5.1	76
39	Towards high T _c octacyanometallate-based networks. <i>CrystEngComm</i> , 2009 , 11, 2032	3.3	67
38	Magnetic clusters based on octacyanidometallates. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 10-27	6.8	63
37	Octacyanidometallates for multifunctional molecule-based materials. <i>Chemical Society Reviews</i> , 2020 ,	58.5	43
36	Microporous {[Ni(cyclam)] ₃ [W(CN) ₈] ₂] _n affording reversible structural and magnetic conversions. <i>Dalton Transactions</i> , 2011 , 40, 3067-73	4.3	36
35	Hydration-switchable charge transfer in the first bimetallic assembly based on the [Ni(cyclam)](3+)-magnetic CN-bridged chain {(H ₃ O)[Ni(III)(cyclam)][Fe(II)(CN) ₆] _n ·nH ₂ O}. <i>Chemical Communications</i> , 2015 , 51, 11485-8	5.8	32
34	Implementation of Chirality into High-Spin Ferromagnetic CoII ₉ W ₆ and NiII ₉ W ₆ Cyanido-Bridged Clusters. <i>Crystal Growth and Design</i> , 2015 , 15, 3573-3581	3.5	27
33	Larger pores and higher T _c : {[Ni(cyclam)] ₃ [W(CN) ₈] ₂] _n ·nH ₂ O} a new member of the largest family of pseudo-polymorphic isomers among octacyanometallate-based assemblies. <i>CrystEngComm</i> , 2015 , 17, 3526-3532	3.3	27
32	Dehydration of Octacyanido-Bridged Ni-W Framework toward Negative Thermal Expansion and Magneto-Colorimetric Switching. <i>Inorganic Chemistry</i> , 2017 , 56, 179-185	5.1	22
31	Syntheses and X-ray crystal structure of (dq) ₂ [M(CN) ₈] _n ·nH ₂ O (M = Mo, W; dq = diquat). <i>Polyhedron</i> , 1998 , 17, 3167-3174	2.7	19
30	A water sensitive ferromagnetic [Ni(cyclam)] ₂ [Nb(CN) ₈] network. <i>Dalton Transactions</i> , 2013 , 42, 2616-214.3	4.3	17
29	Structure and properties of the ion pair charge-transfer complex of octacyanotungstate(IV) with the 2,2'-bipyridinium dication. <i>Transition Metal Chemistry</i> , 1999 , 24, 177-182	2.1	17
28	Syntheses and Magnetic Properties of 1,4,8,11-Tetraazacyclotetradecanenickel(II) Tetra-, Hexa-, and Octa-cyanometallates. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 441-445	5.1	17
27	Geometrical isomerism in pentadecanuclear high-spin Ni ₉ W ₆ clusters with symmetrical bidentate ligands detected. <i>CrystEngComm</i> , 2012 , 14, 6559	3.3	16
26	Oxocyno complexes of molybdenum(IV) and tungsten(IV) with Schiff base ligands derived from salicylaldehyde and aliphatic amines. Crystal structure of [PPh ₄] ₂ [Mo(CN) ₃ O(ensal)] ₅ ·5H ₂ O (Hensal = N-salicylideneethylenediamine). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 4009-4014		16

25	Dehydration-Triggered Charge Transfer and High Proton Conductivity in (HO)[Ni(cyclam)][M(CN)] (M = Ru, Os) Cyanide-Bridged Chains. <i>Inorganic Chemistry</i> , 2018 , 57, 13415-13422	5.1	16
24	Construction of CN-bridged molecular squares employing penta-, hexa- and octa-coordinated metal ions. <i>Polyhedron</i> , 2013 , 52, 442-447	2.7	13
23	Ion Pairs between Maleonitriledithiolato Complex Dianions of Cobalt and Nickel and Macrocyclic Ligand Complex Dications of Nickel(II) [Control of Intrapair Interaction through Ligand Modification. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 2169-2175	5.1	13
22	Solvatomagnetic Studies on Cyano-Bridged Bimetallic Chains Based on [Mn(cyclam)] ³⁺ and Hexacyanometalates. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 99-106	2.3	12
21	The Rule Rather than the Exception: Structural Flexibility of [Ni(cyclam)] ²⁺ -Based Cyano-Bridged Magnetic Networks. <i>Crystal Growth and Design</i> , 2016 , 16, 4736-4743	3.5	11
20	Cyclams with varied degree of protonation in the assemblies with cyano complexes of Mo and W. <i>Polyhedron</i> , 2012 , 47, 73-78	2.7	11
19	Solvent effects on piezochromism of transition metal complexes. <i>Transition Metal Chemistry</i> , 1998 , 23, 615-618	2.1	10
18	Exploration of a new building block for the construction of cyano-bridged solvatomagnetic assemblies: [Ni(cyclam)] ³⁺ . <i>CrystEngComm</i> , 2016 , 18, 7011-7020	3.3	9
17	Proton-Conducting Humidity-Sensitive Ni-Nb Magnetic Coordination Network. <i>Inorganic Chemistry</i> , 2019 , 58, 15812-15823	5.1	9
16	Magnetocaloric effect of high-spin cluster with Ni ₉ W ₆ core. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 414, 25-31	2.8	8
15	Ion-pairing and charge-transfer interactions between octacyano-molybdates(IV) and -tungstates(IV) and diquateryary bipyridines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 1021-1024		7
14	Room-Temperature Bistability in a Ni-Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2330-2338	16.4	6
13	Cyanido-Bridged Clusters with Remote N-Oxide Groups for Branched Multimetallic Systems. <i>Crystal Growth and Design</i> , 2018 , 18, 4766-4776	3.5	5
12	Modification of Structure and Magnetic Properties in Coordination Assemblies Based on [Cu(cyclam)] ²⁺ and [W(CN) ₈] ³⁻ . <i>Crystals</i> , 2019 , 9, 45	2.3	4
11	A two-fold 3D interpenetrating cyanido-bridged network based on the octa-coordinated [Mo(CN) ₈] ⁴⁻ building block. <i>CrystEngComm</i> , 2019 , 21, 5067-5075	3.3	4
10	Ligand dependent topology and spontaneous resolution in high-spin cyano-bridged Ni ₃ W ₂ clusters. <i>Dalton Transactions</i> , 2016 , 45, 12423-31	4.3	4
9	Solvent Effects on the piezochromism of molybdenum(IV) and tungsten(IV) anions [M(CN) ₃ O(diimine)] ⁻ . <i>Transition Metal Chemistry</i> , 1998 , 23, 317-319	2.1	4
8	New topology of CN-bridged clusters: dodecanuclear face-sharing defective cubes based on octacyanometalates(IV) and nickel(II) with diimine ligands. <i>Dalton Transactions</i> , 2015 , 44, 12780-7	4.3	3

7	Structure dependent charge transfer in bipyrimidiniumoctacyanotungstate ion pairs. <i>Polyhedron</i> , 2016 , 119, 1-6	2.7	2
6	Hepta-coordinated Ni(II) assemblies - structure and magnetic studies. <i>Dalton Transactions</i> , 2021 , 50, 5251-5261	4.5	1
5	Reaktitelbild: Room-Temperature Bistability in a NiFe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity (Angew. Chem. 5/2021). <i>Angewandte Chemie</i> , 2021 , 133, 2740-2740	3.6	1
4	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands [new molecular traps for small volatile molecules. <i>CrystEngComm</i> , 2022 , 24, 330-340	3.3	0
3	Room-Temperature Bistability in a NiFe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. <i>Angewandte Chemie</i> , 2021 , 133, 2360-2368	3.6	0
2	Tuning of magnetic properties of the 2D CN-bridged Ni-Nb framework by incorporation of guest cations of alkali and alkaline earth metals. <i>Dalton Transactions</i> , 2021 , 50, 7537-7544	4.3	0
1	Hybrid OrganicInorganic Cyanide-Bridged Networks. <i>Topics in Organometallic Chemistry</i> , 2018 , 1-34	0.6	